

WHAT IS CLAIMED IS:

1 1. A method for performing ratio planning, the
2 method comprising:
3 building a ratio planning database;
4 creating a pre-defined ratio planning report
5 template, wherein said report template includes a
6 coefficient of variation field;
7 creating a populated database for said report
8 template, wherein said populated database is a subset of
9 said ratio planning database;
10 generating a pre-defined ratio planning report in
11 response to a user system request, wherein input to said
12 pre-defined ratio planning report includes said report
13 template and said populated database; and
14 generating a user-defined ratio planning report in
15 response to a user system request, wherein input to said
16 user-defined ratio planning report includes said ratio
17 planning database.

1 2. The method of claim 1 wherein said building a
2 ratio planning database comprises:
3 receiving data from at least one ratio planning data
4 source, wherein said ratio planning data sources include
5 sales data, order backlog data, planning data, feature
6 unit cost, and feature data; and
7 updating said ratio planning database with the
8 received data.

1 3. The method of claim 2 wherein said ratio
2 planning database includes data values calculated based
3 on said received data, said calculated data values
4 including at least one of feature to model sales ratios,
5 feature to model order backlog ratios, historical mean of
6 feature to model sales ratios, and coefficient of
7 variation.

1 4. The method of claim 1 wherein said ratio
2 planning database includes a feature data index.

1 5. The method of claim 4 wherein said feature data
2 index catalogs part numbers by at least one of planner
3 owner, commodity, function, and family.

1 6. The method of claim 1 wherein said ratio
2 planning database includes a model data index.

1 7. The method of claim 6 wherein said model data
2 index catalogs models by at least one of brand, segment,
3 and family.

1 8. The method of claim 1 wherein said ratio
2 planning database is a relational database.

1 9. The method of claim 1 further comprising:
2 creating at least one additional pre-defined ratio
3 planning report template;
4 creating a corresponding populated database for each
5 said additional report template, wherein said
6 corresponding populated database is a subset of said
7 ratio planning database; and
8 generating a corresponding pre-defined ratio
9 planning report in response to a user system request,
10 wherein input to said corresponding pre-defined ratio
11 report includes said least one additional pre-defined
12 ratio planning report and said corresponding populated
13 database.

1 10. The method of claim 9 wherein said at least one
2 additional pre-defined ratio planning report template is
3 a default feature planning report.

1 11. The method of claim 9 wherein said at least one
2 additional pre-defined ratio planning report template is
3 a forecast accuracy report.

1 12. The method of claim 9 wherein said at least one
2 additional pre-defined ratio planning report template is
3 an audit report.

1 13. The method of claim 9 wherein said at least one
2 additional pre-defined ratio planning report template is
3 an average model cost report.

1 14. The method of claim 9 wherein said at least one
2 additional pre-defined ratio planning report template is
3 a churn report.

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1 15. A system for performing ratio planning, the
2 system comprising:
3 a storage device storing a ratio planning database;
4 and
5 a host system in communication with said storage
6 device, said host system implementing a process
7 comprising:
8 creating a pre-defined ratio planning report
9 template, wherein said report template includes a
10 coefficient of variation field;
11 creating a populated database for said report
12 template, wherein said populated database is a subset of
13 said ratio planning database;
14 generating a pre-defined ratio planning report
15 in response to a user system request, wherein input to
16 said pre-defined ratio planning report includes said
17 report template and said populated database; and
18 generating a user-defined ratio planning report
19 in response to a user system request, wherein input to
20 said user-defined ratio planning report includes said
21 ratio planning database.

1 16. The system of claim 15 wherein said storage
2 device receives data from at least one ratio planning
3 data source, wherein said ratio planning data sources
4 include sales data, order backlog data, planning data,
5 feature unit cost, and feature data; said storage device
6 being updated with the received data.

1 17. The system of claim 16 wherein said storage
2 device stores data values calculated based on said
3 received data, said calculated data values including at
4 least one of feature to model sales ratios, feature to
5 model order backlog ratios, historical mean of feature to
6 model sales ratios, and coefficient of variation.

1 18. The system of claim 15 wherein said storage
2 device stores a feature data index.

1 19. The system of claim 18 wherein said feature data
2 index catalogs part numbers by at least one of planner
3 owner, commodity, function, and family.

1 20. The system of claim 15 wherein said ratio
2 planning database includes a model data index.

1 21. The system of claim 20 wherein said model data
2 index catalogs models by at least one of brand, segment,
3 and family.

1 22. The system of claim 15 wherein said storage
2 device stores a relational database, said relational
3 database including said ratio planning database.

1 23. The system of claim 15 wherein said host system
2 implementing a process further comprises:

3 creating at least one additional pre-defined ratio
4 planning report template;

5 creating a corresponding populated database for each
6 said additional report template, wherein said
7 corresponding populated database is a subset of said
8 ratio planning database; and

9 generating a corresponding pre-defined ratio
10 planning report in response to a user system request,
11 wherein input to said corresponding pre-defined ratio
12 report includes said least one additional pre-defined
13 ratio planning report and said corresponding populated
14 database.

1 24. The system of claim 23 wherein said at least one
2 additional pre-defined ratio planning report template is
3 a default feature planning report.

1 25. The system of claim 23 wherein said at least one
2 additional pre-defined ratio planning report template is
3 a forecast accuracy report.

1 26. The system of claim 23 wherein said at least one
2 additional pre-defined ratio planning report template is
3 an audit report.

1 27. The system of claim 23 wherein said at least one
2 additional pre-defined ratio planning report template is
3 an average model cost report.

1 28. The system of claim 23 wherein said at least one
2 additional pre-defined ratio planning report template is
3 a churn report.

1 29. The system of claim 15 further comprising a
2 network providing communication between the host system
3 and the user system.

1 30. The system of claim 15 further comprising a
2 network providing communication between the storage
3 device and said at least one ratio planning data source.

1 31. The system of claim 15 further comprising a
2 network providing communication between the storage
3 device and the host system.

1 32. A storage medium encoded with machine-readable
2 computer program code for performing ratio planning, the
3 storage medium storing instructions for causing a host
4 system to implement a method comprising:

5 building a ratio planning database;

6 creating a pre-defined ratio planning report
7 template, wherein said report template includes a
8 coefficient of variation field;

9 creating a populated database for said report
10 template, wherein said populated database is a subset of
11 said ratio planning database;

12 generating a pre-defined ratio planning report in
13 response to a user system request, wherein input to said
14 pre-defined ratio planning report includes said report
15 template and said populated database; and

16 generating a user-defined ratio planning report in
17 response to a user system request, wherein input to said
18 user-defined ratio planning report includes said ratio
19 planning database.

1 33. The storage medium of claim 32 wherein said
2 building a ratio planning database comprises:

3 receiving data from at least one ratio planning data
4 source, wherein said ratio planning data sources include
5 sales data, order backlog data, planning data, feature
6 unit cost, and feature data; and

7 updating said ratio planning database with the
8 received data.

1 34. The storage medium of claim 33 wherein said
2 ratio planning database includes data values calculated
3 based on said received data, said calculated data values
4 including at least one of feature to model sales ratios,
5 feature to model order backlog ratios, historical mean of
6 feature to model sales ratios, and coefficient of
7 variation.

1 35. The storage medium of claim 32 wherein said
2 ratio planning database includes a feature data index.

1 36. The storage medium of claim 35 wherein said
2 feature data index catalogs part numbers by at least one
3 of planner owner, commodity, function, and family.

1 37. The storage medium of claim 32 wherein said
2 ratio planning database includes a model data index.

1 38. The storage medium of claim 37 wherein said
2 model data index catalogs models by at least one of
3 brand, segment, and family.

1 39. The storage medium of claim 32 wherein said
2 ratio planning database is a relational database.

1 40. The storage medium of claim 32 further
2 comprising:
3 creating at least one additional pre-defined ratio
4 planning report template;
5 creating a corresponding populated database for each
6 said additional report template, wherein said
7 corresponding populated database is a subset of said
8 ratio planning database; and
9 generating a corresponding pre-defined ratio
10 planning report in response to a user system request,
11 wherein input to said corresponding pre-defined ratio
12 report includes said least one additional pre-defined
13 ratio planning report and said corresponding populated
14 database.

1 41. The storage medium of claim 40 wherein said at
2 least one additional pre-defined ratio planning report
3 template is an default feature planning report.

1 42. The storage medium of claim 40 wherein said at
2 least one additional pre-defined ratio planning report
3 template is a forecast accuracy report.

1 43. The storage medium of claim 40 wherein said at
2 least one additional pre-defined ratio planning report
3 template is an audit report.

1 44. The storage medium of claim 40 wherein said at
2 least one additional pre-defined ratio planning report
3 template is an average model cost report.

1 45. The storage medium of claim 40 wherein said at
2 least one additional pre-defined ratio planning report
3 template is a churn report.

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